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| <p>(51) International Patent Classification 6 : C06B</p> | <p>A2</p> | <p>(11) International Publication Number: WO 99/59939 (43) International Publication Date: 25 November 1999 (25.11.99)</p> |
| <p>(21) International Application Number: PCT/US99/07737 (22) International Filing Date: 14 April 1999 (14.04.99) (30) Priority Data: 60/081,684 14 April 1998 (14.04.98) US (71) Applicant (for all designated States except US): ALLIANT TECHSYSTEMS INC. [US/US]; MN11-2216, 600 Second Street N.E., Hopkins, MN 55343-8384 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): LUSK, Paul, D. [-/US]; 1008 Custic Street, Radford, VA 24141 (US). TOGG-WEILER, Richard, O. [-/US]; 4828 Glenbrook Drive, Roanoke, VA 24018 (US). WORRELL, William, J., Jr. [-/US]; Route 1, Box 424E, Draper, VA 24324 (US). MOY, Sam, M. [-/US]; 69 Glassboro Road, Parsippany, NJ 07054 (US). LOPEZ, Lucas, R. [-/US]; 1221 14th Street, North Bergen, NJ 07047 (US). HUI, Philip, Y. [-/US]; 86 Belleville Road, Parsippany, NJ 07054 (US). RUTKOWSKI, James, J. [-/US]; 15 Meadow Lane, Hackensack, NJ 07840 (US). PREZELSKI, Joseph [-/US]; P.O. Box 161, Jermyn, PA 18433 (US). CIRINCIONE, Richard [-/US]; 26 Eaglesmere Circle, East Stroudsburg, PA 18301</p> | | <p>(US). ALTIZER, Eva, Marie [-/US]; 413 Calhoun Street, Radford, VA 24141 (US). (74) Agent: NIKOLAI, MERSEREAU & DIETZ, P.A.; 820 International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3325 (US). (81) Designated States: AU, BR, CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>Without international search report and to be republished upon receipt of that report.</i></p> |
| <p>(54) Title: DINITROTOLUENE (DNT)-FREE SINGLE BASE PROPELLANT (57) Abstract A plasticizer material suitable for a DNT-free single base propellant formulation containing an amount of material selected from citrate and adipate compounds.</p> | | |